

REMARKS

Applicants respectfully request reconsideration of this application, as amended.

Claims 1–19 were rejected under 35 U.S.C. § 112, first paragraph, as failing to comply with the enablement requirement, and under § 112, second paragraph, as being indefinite.¹ Without acceding to these rejections, and in the interests of securing an early Notice of Allowance, Claims 1 and 11 have been amended to recite “when the diode is turned on and the light emitting device is turned off, an electric charge corresponding to a difference between a voltage level of the control signal and a voltage level of the data signal is charged into the capacitor, and, when the diode is turned off and the light emitting device is turned on after the electric charge has been charged into the capacitor, the electric charge is discharged through the light emitting device.” Applicants respectfully submit that the § 112 rejections have been overcome, and as a result, Claims 3, 4, 6–9, 13, 14 and 16–19 are allowable.²

Claims 1, 2, 5, 11, 12 and 15 were rejected under 35 U.S.C. § 102(b) as being anticipated by Numao (US 2001/0054711), while Claim 10 was rejected under 35 U.S.C. § 103(a) as being unpatentable over Numao in view of Everitt (US 2002/0167474). Without acceding to these rejections, and in the interests of securing an early Notice of Allowance, Claims 1, 5, 11 and 15 have been amended to more clearly recite certain features of the claimed invention.

Claims 1 and 11 have been amended to incorporate the features recited by Claims 2 and 12, respectively, as well as several features recited by Claims 3 and 13, respectively. Claims 2 and 12 have been canceled without prejudice, Claims 3 and 13 have been amended to more clearly recite that “the voltage in the second interval is increased by a predetermined rate” and Claims 3, 4, 13 and 14 have been amended to adjust claim dependencies. Claims 1 and 11 have also been amended for editorial reasons not related to patentability.

Claims 5 and 15 have been rewritten in independent form and have been amended to incorporate several features recited by Claims 6 and 16, respectively. Claims 7, 8, 17 and 18 have been amended to adjust claim dependencies and Claim 18 has been amended for editorial reasons not related to patentability.

¹ See, Office Action at Pages 2–3.

² The Office Action cites no other grounds of rejection for these claims.

Claims 20–22 have been added. Claims 21 and 22 depend from Claim 15 and recite subject matter similar to Claims 18 and 19. Support for new Claim 20 may be found, for example, within the Specification at Pages 13–15 and in FIG. 10. No new matter has been added.

Applicants submit that Claims 1, 5, 10, 11 and 15 are allowable over Numao. Independent Claims 1, 5, 11 and 15 recite, *inter alia*, wherein one cycle of the control signal includes a first interval and a second interval, the first interval having a predetermined high-level voltage and the second interval having a low-level voltage obtained by jumping the voltage in the first interval by a predetermined voltage. This feature was recited by original Claims 3 and 6, which were allowable but for the § 112 rejection applied against Claim 1, as noted above.

Consequently, Claims 1, 5, 11 and 15 are allowable over the cited references. Claim 10, depending from Claim 1, is also allowable, at least for the reasons discussed above.

In view of the foregoing amendments and remarks, Applicants respectfully submit that this application is in condition for allowance and should now be passed to issue.

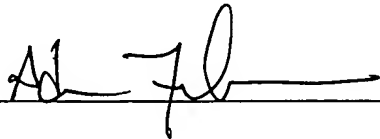
A Notice of Allowance is respectfully solicited.

If any extension of time is required in connection with the filing of this paper and has not been requested separately, such extension is hereby requested.

The Commissioner is hereby authorized to charge any fees and to credit any overpayments that may be required by this paper under 37 C.F.R. §§ 1.16 and 1.17 to Deposit Account No. 02-2135.

Respectfully submitted,

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By: 

Rothwell, Figg, Ernst & Manbeck P.C.
1425 K Street, N.W., Suite 800
Washington, D.C. 20005
(202) 783-6040 (voice)
(202) 783-6031 (fax)

Adam M. Treiber
Reg. No. 48,000

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